

Datasheet for ABIN7319465

SIGLEC5 Protein (His tag,Fc Tag,DYKDDDDK Tag)



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Overview

Quantity:	50 µg
Target:	SIGLEC5
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC5 protein is labelled with His tag,Fc Tag,DYKDDDDK Tag.

Product Details

Purpose:	Recombinant Human SIGLEC5 Protein (His & Flag & Fc)
Sequence:	Glu17-Thr434
Characteristics:	Recombinant Human SIGLEC5 is produced by our Mammalian expression system and the target gene encoding Glu17-Thr434 is expressed with a 6His, Flag tag, Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SIGLEC5
Alternative Name:	SIGLEC5 (SIGLEC5 Products)
Background:	Background: Human Siglec-5 are I type(Ig type) lectins belonging to the Ig superfamily,They are characterized by an N terminal Ig-like V type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2 type domains. SIGLEC5 has also been designated

Target Details

CD170, they are expressed by monocytic or myeloid lineage cells, and also found at high levels in peripheral blood leukocytes, spleen, bone marrow and at lower levels in lymph node, lung, appendix, placenta, pancreas and thymus. SIGLEC5 are expressed by monocytes and neutrophils but absent from leukemic cell lines representing early stages of myelomonocytic differentiation. Siglec5 to 11 share a high degree of sequence similarity with CD33/Siglec3 both in their extracellular and intracellular regions. They are collectively referred to as CD33 related Siglecs. One remarkable feature of the CD33 related Siglecs is their differential expression pattern within the hematopoietic system. This fact, together with the presence of two conserved immunoreceptor tyrosinebased inhibition motifs (ITIMs) in their cytoplasmic tails, suggests that CD33 related Siglecs are involved in the regulation of cellular activation within the immune system.

Synonym: Sialic acid-binding Ig-like lectin 5, Siglec-5, CD33 antigen-like 2, Obesity-binding protein 2, OB-BP2, CD170,CD33L2,OB-BP2,OBBP,OBBP2,SIGLEC-5,SIGLEC5

Molecular Weight: 74.1 kDa

UniProt: [O15389](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.